

CLAIMS

[1] A disk carrying mechanism, comprising:

a roller which carries a disk along a carrying route by coming into contact with a front surface or a back surface of the disk inserted from an outside; and

5 disk guide blocks installed so that the disk guide blocks are movable in a direction crossing the carrying route, wherein

the disk guide blocks have guide members which are arranged to oppose to the roller with the carrying route therebetween, and which come into contact with the disk being carried along the carrying route to maintain the disk in the carrying route, and

10 the guide members are formed as ridges extending in a direction crossing the carrying route and inclined so that the ridges are increased in height from a central portion toward side portions of the carrying route.

[2] The disk carrying mechanism according to Claim 1, wherein

the disk guide blocks are arranged in a pair respectively on right-hand and
15 left-hand sides with respect to a carrying direction, and

the respective guide members of the disk guide blocks are inclined in opposite directions and arranged substantially symmetrically.

[3] The disk carrying mechanism according to Claim 1 or 2, wherein the disk guide blocks have abutment members that radially come into contact with a peripheral edge of
20 the disk inserted from the outside.

[4] The disk carrying mechanism according to Claim 3, wherein a plurality of the abutment members are arranged, two of which are arranged to oppose to each other with the roller therebetween.

[5] A disk player, comprising: the disk carrying mechanism according to any one of
25 Claims 1 through 4.